

Title (en)  
Joystick device

Title (de)  
Steuerknüppel

Title (fr)  
Dispositif joystick

Publication  
**EP 2015160 A1 20090114 (EN)**

Application  
**EP 08425425 A 20080616**

Priority  
IT VR20070098 A 20070711

Abstract (en)  
Joystick having a containment and support base or body (2), an articulation group (3) for at least one driven shaft (15,16), a control lever (5) having an end cinematically connected to the articulation group (3) and the other end which can be engaged by operator's hand, a plurality of electrical sliding contacts (9,10), printed circuit boards (8) in sliding relation with the plurality of electrical sliding contacts (9,10).

IPC 8 full level  
**G05G 9/047** (2006.01)

CPC (source: EP)  
**G05G 9/047** (2013.01); **G05G 2009/04718** (2013.01); **G05G 2009/04748** (2013.01); **G05G 2009/04766** (2013.01)

Citation (search report)  
• [X] US 3372359 A 19680305 - WILSON GORDON K  
• [X] US 5640177 A 19970617 - HSU FAN-YI [TW]  
• [X] US 5068499 A 19911126 - KURATANI JUNICHI [JP]  
• [X] US 6538639 B1 20030325 - TAKAHASHI KISABURO [JP]  
• [X] US 2003058220 A1 20030327 - WANG KART [TW]  
• [A] US 5087904 A 19920211 - DEVOLPI DEAN [US]  
• [A] US 2842645 A 19580708 - WHITE DALGLEISH JAMES, et al  
• [A] US 5436640 A 19950725 - REEVES DAVID W [US]  
• [A] US 2006073762 A1 20060406 - ARAI MASAHIRO [JP], et al

Cited by  
EP4134779A1; US11914414B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2015160 A1 20090114; EP 2015160 B1 20111005**; AT E527590 T1 20111015; ES 2373613 T3 20120207; IT VR20070098 A1 20090112

DOCDB simple family (application)  
**EP 08425425 A 20080616**; AT 08425425 T 20080616; ES 08425425 T 20080616; IT VR20070098 A 20070711